



Technologies

Information

COST Action TD1207
and
Communication

COST Grant System
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Action TD1207 Fact Sheet

Title

Mathematical Optimization in the Decision Support Systems for Efficient and Robust Energy Networks

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Details

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Objectives

Energy Production and Distribution (EP&D) is among the biggest challenges of our time, since energy is a scarce resource whose efficient production and fair distribution is associated with many technical, economical, political and ethical issues like environmental protection and people health. EP&D networks have rapidly increased their size and complexity, e.g. with the introduction and interconnection of markets within the EU. Thus, there is an increasing need of systems supporting the operational, regulatory and design decisions through a highly inter-disciplinary approach, where experts of all the concerned fields contribute to the definition of appropriate mathematical models. This is particularly challenging because these models require the simultaneous use of many different mathematical optimization tools and the verification by experts of the underlying engineering and financial issues.



Parties							
Country	Date		Country	Date		Country	Date
Austria	21/12/2012		Belgium	07/02/2013		Bosnia and Herzegovina	08/04/2014
Croatia	22/01/2014		Czech Republic	06/02/2014		Denmark	11/02/2013
Finland	22/01/2014		France	19/12/2012		Germany	18/01/2013
Hungary	13/12/2012		Ireland	08/01/2013		Israel	11/12/2012
Lithuania	08/05/2013		Netherlands	02/09/2013		Norway	15/01/2013
Portugal	08/02/2013		Serbia	13/12/2012		Spain	07/12/2012
Switzerland	01/03/2013		Turkey	02/05/2013		United Kingdom	29/11/2012
						Bulgaria	13/11/2014
						Estonia	13/02/2013
						Greece	11/01/2013
						Italy	12/12/2012
						Poland	29/04/2014
						Sweden	11/04/2013
						fYR Macedonia	31/03/2015

Total: 28

Intentions to accept the MoU							
Country	Date		Country	Date		Country	Date

Total: 0

Working Groups	
None	

Website
http://www.energy-opt.eu

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